L.I. Storozhenko, ScD, Professor G.M. Gasii, PhD, Associate Professor S.A. Gapchenko, post-graduate Poltava National Technical Yuri Kondratyuk University

## THE NEW COMPOSITE AND SPACE GRID CABLE-STAYED CONSTRUCTIONS

The new space structures are considered – space cable composite steel and concrete covering, consisting of ferrocement slabs and structural steel lattice. Their structure, features, advantages, scope and possible design solutions are described.

Keywords: composite, space grid, cable-stayed, plate, lattice, a node.